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RAW SEQUENCE LISTING
PATENT APPLICATION US/08/349,177ADATE: 03/04/98
TIME: 18:31:32

INPUT SET: S23994.raw

This Raw Listing contains the General Information Section and up to the first 5 pages.

SEQUENCE LISTING

(1) General Information:

(i) APPLICANT: Grey, Howard M.
Sette, Alessandro
Sidney, John

(ii) TITLE OF INVENTION: HLA-A2.1 Binding Peptides and Their Uses

(iii) NUMBER OF SEQUENCES: 349

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Townsend and Townsend and Crew LLP
(B) STREET: Two Embarcadero Center, Eighth Floor
(C) CITY: San Francisco
(D) STATE: California
(E) COUNTRY: USA
(F) ZIP: 94111-3834

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: US 08/349,177
(B) FILING DATE: 02-DEC-1994
(C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: US 08/027,146
(B) FILING DATE: 05-MAR-1993

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: US 08/073,205
(B) FILING DATE: 04-JUN-1993

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: US 08/159,184
(B) FILING DATE: 29-NOV-1993

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Bastian, Kevin L.
(B) REGISTRATION NUMBER: 34,774

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RAW SEQUENCE LISTING
PATENT APPLICATION US/08/349,177ADATE: 03/04/98
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47 (C) REFERENCE/DOCKET NUMBER: 018623-005840US

48

49 (ix) TELECOMMUNICATION INFORMATION:

50 (A) TELEPHONE: (415) 576-0200

51 (B) TELEFAX: (415) 576-0300

52

53

54 (2) INFORMATION FOR SEQ ID NO:1:

55

56 (i) SEQUENCE CHARACTERISTICS:

57 (A) LENGTH: 9 amino acids

58 (B) TYPE: amino acid

59 (C) STRANDEDNESS:

60 (D) TOPOLOGY: linear

61

62 (ii) MOLECULE TYPE: peptide

63

64

65 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

66

67 Ala Leu Glu Ala Gln Gln Glu Ala Leu

68 1 5

69

70

71 (2) INFORMATION FOR SEQ ID NO:2:

72

73 (i) SEQUENCE CHARACTERISTICS:

74 (A) LENGTH: 9 amino acids

75 (B) TYPE: amino acid

76 (C) STRANDEDNESS:

77 (D) TOPOLOGY: linear

78

79 (ii) MOLECULE TYPE: peptide

80

81

82 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

83

84 Ile Leu Glu Ser Leu Phe Arg Ala Val

85 1 5

86

87

88 (2) INFORMATION FOR SEQ ID NO:3:

89

90 (i) SEQUENCE CHARACTERISTICS:

91 (A) LENGTH: 9 amino acids

92 (B) TYPE: amino acid

93 (C) STRANDEDNESS:

94 (D) TOPOLOGY: linear

95

96 (ii) MOLECULE TYPE: peptide

97

98

99 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

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100
101 Val Ile Thr Lys Lys Val Ala Asp Leu
102 1 5
103
104

105 (2) INFORMATION FOR SEQ ID NO:4:
106

107 (i) SEQUENCE CHARACTERISTICS:
108 (A) LENGTH: 9 amino acids
109 (B) TYPE: amino acid
110 (C) STRANDEDNESS:
111 (D) TOPOLOGY: linear
112

113 (ii) MOLECULE TYPE: peptide
114115
116 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
117

118 Cys Leu Gly Leu Ser Tyr Asp Gly Leu
119 1 5
120
121

122 (2) INFORMATION FOR SEQ ID NO:5:
123

124 (i) SEQUENCE CHARACTERISTICS:
125 (A) LENGTH: 9 amino acids
126 (B) TYPE: amino acid
127 (C) STRANDEDNESS:
128 (D) TOPOLOGY: linear
129

130 (ii) MOLECULE TYPE: peptide
131132
133 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
134

135 Gln Ile Met Pro Lys Thr Gly Phe Leu
136 1 5
137
138

139 (2) INFORMATION FOR SEQ ID NO:6:
140

141 (i) SEQUENCE CHARACTERISTICS:
142 (A) LENGTH: 10 amino acids
143 (B) TYPE: amino acid
144 (C) STRANDEDNESS:
145 (D) TOPOLOGY: linear
146

147 (ii) MOLECULE TYPE: peptide
148149
150 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
151

152 Ser Leu His Cys Lys Pro Glu Glu Ala Leu

RAW SEQUENCE LISTING
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153          1          5          10
154
155
156 (2) INFORMATION FOR SEQ ID NO:7:
157
158 (i) SEQUENCE CHARACTERISTICS:
159 (A) LENGTH: 10 amino acids
160 (B) TYPE: amino acid
161 (C) STRANDEDNESS:
162 (D) TOPOLOGY: linear
163
164 (ii) MOLECULE TYPE: peptide
165
166
167 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
168
169   Pro Leu Val Leu Gly Thr Leu Glu Glu Val
170     1          5          10
171
172
173 (2) INFORMATION FOR SEQ ID NO:8:
174
175 (i) SEQUENCE CHARACTERISTICS:
176 (A) LENGTH: 10 amino acids
177 (B) TYPE: amino acid
178 (C) STRANDEDNESS:
179 (D) TOPOLOGY: linear
180
181 (ii) MOLECULE TYPE: peptide
182
183
184 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
185
186   Cys Ile Leu Glu Ser Leu Phe Arg Ala Val
187     1          5          10
188
189
190 (2) INFORMATION FOR SEQ ID NO:9:
191
192 (i) SEQUENCE CHARACTERISTICS:
193 (A) LENGTH: 10 amino acids
194 (B) TYPE: amino acid
195 (C) STRANDEDNESS:
196 (D) TOPOLOGY: linear
197
198 (ii) MOLECULE TYPE: peptide
199
200
201 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
202
203   Ala Val Ile Thr Lys Lys Val Ala Asp Leu
204     1          5          10
205
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RAW SEQUENCE LISTING
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206

207 (2) INFORMATION FOR SEQ ID NO:10:

208

209 (i) SEQUENCE CHARACTERISTICS:

210 (A) LENGTH: 10 amino acids

211 (B) TYPE: amino acid

212 (C) STRANDEDNESS:

213 (D) TOPOLOGY: linear

214

215 (ii) MOLECULE TYPE: peptide

216

217

218 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:

219

220 Val Ile Thr Lys Lys Val Ala Asp Leu Val

221 1 5 10

222

223

224 (2) INFORMATION FOR SEQ ID NO:11:

225

226 (i) SEQUENCE CHARACTERISTICS:

227 (A) LENGTH: 10 amino acids

228 (B) TYPE: amino acid

229 (C) STRANDEDNESS:

230 (D) TOPOLOGY: linear

231

232 (ii) MOLECULE TYPE: peptide

233

234

235 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:

236

237 Leu Leu Lys Tyr Arg Ala Arg Glu Pro Val

238 1 5 10

239

240

241 (2) INFORMATION FOR SEQ ID NO:12:

242

243 (i) SEQUENCE CHARACTERISTICS:

244 (A) LENGTH: 10 amino acids

245 (B) TYPE: amino acid

246 (C) STRANDEDNESS:

247 (D) TOPOLOGY: linear

248

249 (ii) MOLECULE TYPE: peptide

250

251

252 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:

253

254 Glu Ile Phe Gly Lys Ala Ser Glu Ser Leu

255 1 5 10

256

257

258 (2) INFORMATION FOR SEQ ID NO:13:

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SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/349,177A

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Original Text